

**STATE OF ARIZONA
INDIVIDUAL RECLAIMED WATER PERMIT NO. R-106017
PLACE ID 133500, LTF 47673**

1.0 AUTHORIZATION

In compliance with the provisions of Arizona Administrative Code (A.A.C.) Title 18, Chapter 9, Article 7 and A.A.C. Title 18, Chapter 11, Article 3 and amendments thereto, and the conditions set forth in this permit, American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC is hereby authorized to operate a gray water reuse program for the beneficial use of gray water in accordance with the limitations, monitoring requirements and other conditions set forth in this permit and in the rules cited above.

This permit becomes effective on the date of the Groundwater Section Manager's signature and will expire five years thereafter, unless suspended or revoked pursuant to A.A.C. R18-9-706(A)(2). Conditions established in this permit are designed to protect public health and safety, prevent contamination of groundwater through consumptive water use, and conserve potable water by using reclaimed resources. Water application rates authorized herein do not supercede the requirements of the Arizona Department of Water Resources.

1.1 PERMITTEE INFORMATION

Permittee:	American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC Attn: Jim Hopke, Vice President
Mailing Address:	805 Las Cimas Parkway Austin, Texas 78746
Phone:	(512) 732-1000
Facility Contact:	Sam Newman
Position/Title:	Director of Construction
Emergency Phone No.:	(512) 732-1000

1.2 REUSE OPERATION

The American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC reuse operation collects gray water from showers and lavatories at the Barrett Honors College on the campus of Arizona State University, provides filtration of the gray water, and utilizes the reclaimed gray water for sub-surface landscape irrigation.

1.3 AUTHORIZING SIGNATURE

**Michele Robertson, Manager
Groundwater Section
Arizona Department of Environmental Quality**

Signed this _____ day of _____, 2009

2.0 RECLAIMED WATER USE

2.1 Legal Description

Applicant/Permittee:	American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC
	Attn: Jim Hopke, Vice President
Mailing Address:	805 Las Cimas Parkway Austin, Texas 78746
Phone:	(512) 732-1000
 Permitted Operation:	 Use of treated gray water for sub-surface landscape irrigation
 Gray Water Facility:	 Barrett Honors College, Arizona State University - Building 7
Physical Address:	851 East Lemon Street, Tempe, Arizona 85287
County:	Maricopa
Latitude/Longitude:	33°24'56"N/111°55'40"W
Township/Range/Section:	Township 1N, Range 4E, Section 22
Facility Contact Person:	Dan Shoepe, Operations
Representing:	American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC
Address:	851 East Lemon Street, Tempe, Arizona 85287
Phone:	(512) 732-1000
 Reuse Site:	 Barrett Honors College, Arizona State University - Building 7
Reuse Site Contact Person:	Sam Newman, Director of Construction
Representing:	American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC
Address:	805 Las Cimas Parkway, Austin, Texas 78746
Phone:	(512) 732-1000

2.2 Reuse Site/Program Description

This permit authorizes American Campus Communities Operating Partner (Arizona State University Barrett Honors College), LLC, (herein referred to as "Permittee"), to operate a gray water treatment and reuse program which collects gray water from showers and lavatories at the Barrett Honors College, Arizona State University, Building 7. Building 7 has two wings - 7A and 7B, which are treated as a single source for design, treatment, and reuse. Gray water from building lavatories and showers is collected and treated to a reuse standard suitable as an irrigation supply. One system will treat the approximately 10,000 gallons per day of gray water generated from the two buildings. The system will incorporate a lift station, an equalization and filtration tank, a recirculating sand filter, a 6,000-gallon storage tank, pumps, controls, and filters for reuse as sub-surface irrigation. The gray water is filtered and used for sub-surface landscape irrigation at designated areas near the Barrett Honors College (see attached map).

3.0 MANAGEMENT PRACTICES/CONTROLS

Use of treated gray water for sub-surface irrigation shall be performed according to the following requirements:

1. Maintain the system so as to preclude human contact with the gray water.

2. Treated gray water shall not be allowed to “daylight”, or pond on the land surface.
3. Irrigation shall occur at the consumptive-use rates of the vegetation, plus a 20% leaching factor.

4.0 UNAUTHORIZED RELEASE OF GRAY WATER - NOTIFICATION REQUIREMENTS

The Permittee shall notify the ADEQ Water Quality Compliance Section within 24 hours of becoming aware of an unauthorized release of gray water or treated gray water to the land surface, surface water bodies, or to any area not authorized by this permit. This notification shall include:

1. A description of the release;
2. A description of the cause of the release;
3. The location and duration of the release including exact date(s) and time(s);
4. A plan of action which addresses remedial or mitigative action.

Notifications of unauthorized releases shall be submitted to the following office:

Arizona Department of Environmental Quality
Water Quality Compliance Section
Mail Code: 5415B-1
1110 W. Washington Street
Phoenix, Arizona 85007
Phone: (602) 771-4497
Fax: (602) 771-4467

5.0 GENERAL PROVISIONS

5.1 Changes of Facility Information in Section 1.0 and 2.0

The Permittee shall notify the ADEQ Groundwater Section in writing within 30 days of any change of facility information including Facility Name, Permittee Name, Mailing or Street Address, Facility Contact Person or Telephone Number.

5.2 Permit Amendment

The Permittee shall request ADEQ authorization 90 days in advance of a significant modification to the reuse system which would require permit amendment. An initial fee, as per A.A.C. R18-9-14-103 must be submitted to the ADEQ permitting office along with the request for permit amendment. If there is a question as to whether something is considered a significant modification which would require a permit amendment, please contact the following office for a determination:

Arizona Department of Environmental Quality
Groundwater Section
Mail Code: 5415B-3
1110 W. Washington Street
Phoenix, AZ 85007
Phone (602) 771-4428

5.3 Permit Transfer [A.A.C. R18-9-706(C)]

The permittee may transfer this permit to another person if the following conditions are met:

1. Permittee notifies the Director of the proposed transfer;
2. Permittee submits a written agreement containing a specific date for the transfer of permit responsibility and coverage between the current permittee and the proposed new permittee, including an acknowledgment that the existing permittee is liable for violations up to the date of transfer and that the proposed new permittee will be liable for violations from that date forward;
3. The following information for the new proposed permittee shall be provided in the notice:
 - a. name, title, mailing address, and telephone number;
 - b. if applicable, the name, title, mailing address, and telephone number of the authorized contact person for the permittee;
 - c. if applicable, a copy of the certificate of disclosure of violations required under A.R.S. § 49-109.
4. If Permittee requests to amend the permit document to reflect the change in ownership, the appropriate fee must be submitted along with the permit transfer request (see A.A.C. R18-14-103).
5. All correspondence regarding permit transfer should be made to the ADEQ address listed in Section 6.2 of this permit.

5.4 Duty to Comply [A.R.S. §§ 49-221 through 49-263]

The permittee is notified of the obligation to comply with all conditions of this permit and all applicable provisions of A.R.S. § Title 49, Chapter 2, Articles 1, 2 and 3, A.A.C. Title 18, Chapter 7 and A.A.C. Title 18, Chapter 11, Article 3. Any permit non-compliance constitutes a violation and is grounds for an enforcement action pursuant to A.R.S. § Title 49, Chapter 2, Article 4 or permit amendment, suspension, or revocation.

5.5 Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. The filing of a request by the Permittee for a permit action does not stay or suspend the effectiveness of any existing permit condition.

5.6 Other Laws and Rules

The issuance of this permit does not waive any federal, state, county, or local government rules, regulations, or permits with which this facility may have to comply.

5.7 Permit Reissuance [A.A.C. R18-9-706(A)(3)]

This permit shall expire five years from the date of signature. Permittee shall file an application for reissuance not less than 120 days before the expiration of this permit. The terms and conditions of an expired permit are automatically continued pending issuance of a new permit if:

1. the permitted activity is of a continuing nature;

2. Permittee has submitted a timely (120 days before expiration date of permit) and sufficient application for a new permit; and
3. ADEQ is unable, through no fault of the Permittee, to issue a new permit before the expiration date of the previous permit.

6.0 REFERENCES AND PERTINENT INFORMATION

The terms and conditions set forth in this permit have been developed based upon the information contained in the following, which are on file with the Department:

1. Individual Reclaimed Water Permit Application dated: May 22, 2008
2. Public Notice dated: to be entered (published in the to be entered)
3. Public Hearing dated: to be entered
4. Responsiveness Summary dated: to be entered